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Notice of Allowability	Application No.	Applicant(s)	
	09/694,037	EZUMI ET AL.	
	Examiner	Art Unit	
	Charles Chow	2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/3/2005.
2. ☒ The allowed claim(s) is/are 1-3, 5-8 and 19.
3. ☒ The drawings filed on 23 October 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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Detailed Action

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance:

Applicants canceled claims 4, 9-18, 20-22, and amended independent claims 1, 19, with allowable features (page 9 of applicant's amendment), **the speech communication over the first communication line is maintained even if there is a switch between the first speech communication by said first speech device and the second speech communication by said hands-free speech device; a hand-free speech device provided for the second communication apparatus for performing the second speech communication and a second detecting device for detecting a connection status of the first communication line, said first detecting device and said second detecting device, as shown in independent claims 1, 19 below.**

Claims 1-3, 5-8, 19 are allowable over the prior art of record, the prior art fails to teach singly, particularly, or in combination, for the facsimile machine having speech communication, for the easy-to-use, better voice quality, interfacing to a wireless communication device (Fig. 2), having the subject matter, a communication system, a control method, having a first speech device provided for the first communication apparatus for performing the first speech communication; a handset speech device provided for the second communication apparatus for performing the second speech communication; a hands-free speech device provided for the second communication apparatus for performing the second speech communication, a first detecting device for detecting a connection between the first communication apparatus and the second communication apparatus; a second detecting

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device for detecting a connection status of the first communication line; and a switch device for switching a speech communication from the first speech communication via the first communication line by said first speech device to the second communication via the first communication line by said second hands-free speech means device in accordance with the detecting by said first detecting device and said second detecting device [claims 1, 19].

The dependent claims are also allowable due to their dependency upon the independent claims and they have additional claimed features.

The closest patent to **Motoyanagi (US 5,200,991)** teaches the mobile telephone set 6 having interface circuitry with switches, detectors, the radio communication first line at 61, the telephone communication 65 (Fig. 3-6) for facsimile device 3 to communicate with the base unit 5, (Fig. 1-2). Motoyanagi fails to teach the second speech means provided for the second communication apparatus for performing the second speech communication; the speech communication over the first communication line is maintained even if there is a switch between the first speech communication by said first speech device and the second speech communication by said hands-free speech device; a second detecting device for detecting a connection status of the first communication line.

Moretta et al. (US 6,297,893B1) teaches the second communication line, telephone line L (abstract, Fig. 1, col. 2, line 23; col. 2, line 40, col. 2, line 44), the second speech means provided for the second communication apparatus for performing the second speech communication, the second speech communication means from facsimile machine 10 utilizing handset 17, for allowing user of the fax machine 10 to receive, make, normal voice telephone call (col. 2, lines 42-44; col. 2, lines 24-26; abstract, col. 1, lines 18-20). Moretta et

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al fails to teach **the speech communication over the first communication line is maintained even if there is a switch between the first speech communication by said first speech device and the second speech communication by said hands-free speech device; a second detecting device for detecting a connection status of the first communication line.**

Other prior arts in below has been considered, but they fail to teach the above claimed features.

Leung (US 6,185,195B1) teaches the echo canceller 110 (Fig. 2-3) for SSS phone 16 is used to avoid signal collision, having the collision prevention/detection circuit (abstract; col. 5, line 59 to col. 6, line 27; col. 6, lines 49-56; col. 8, lines 22-36), the facsimile machine 12 is connected to the SSS phone 16, the echo canceller 110 processes information $y(t)$ from facsimile machine 122 via coupler 120 (figure in cover page). Leung fails to teach the handset interfacing and the above allowable claimed features.

Kagawa (US 5,608,545) teaches the portable telephone 102 can be communication with facsimile device 101, via connector 114-115 and interfacing circuitry (Fig. 1-2, abstract; col. 1, line 58 to col. 2, line 67). Kagawa fails to teach the handset device and the above allowable claimed features.

Koshiishi (US 5,255,321) teaches the facsimile machine interfacing connection to various communication equipments (Fig. 1-5, abstract, col. 2, lines 1-38). Koshiishi fails to teach the above allowable claimed features.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles C. Chow whose telephone number is (703)-306-5615. The examiner can normally be reached on 8:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (703)-305-4385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles Chow C.C.

April 6, 2005.

Nguyen^{vi}
4-18-2005

**NGUYEN T. VO
PRIMARY EXAMINER**